

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB2004/002011

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F7/72

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	P. HODGES ET AL.: "A FAST MODULAR DIVISION METHOD" IBM TECHNICAL DISCLOSURE BULLETIN., vol. 12, no. 7, December 1969 (1969-12), pages 1040-1041, XP002301376 USIBM CORP. NEW YORK. the whole document	1-33
X	GOLOMB S W ET AL: "INTEGER CONVOLUTIONS OVER THE FINITE FIELD GF(3.2N+1)" SIAM JOURNAL OF APPLIED MATHEMATICS, vol. 32, no. 2, March 1977 (1977-03), pages 356-365, XP001197219 page 360	1-33
X	US 5 463 690 A (CRANDALL RICHARD E) 31 October 1995 (1995-10-31) abstract; figures 5,7	1-33
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Z* document member of the same patent family

Date of the actual completion of the international search

19 October 2004

Date of mailing of the international search report

02/11/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Verhoof, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PIESTRAK S J: "DESIGN OF RESIDUE GENERATORS AND MULTIOPERAND MODULAR ADDERS USING CARRY-SAVE ADDERS" IEEE TRANSACTIONS ON COMPUTERS, vol. 43, no. 1, 1994, pages 68-77, XP000418592 IEEE NEW YORK, NY, USA ISSN: 0018-9340 sections IV.A, IV.C	1-33
A	TOMAHECHI N ET AL: "Pipelined design of the high-speed RSA encryption processor with built-in table for residue calculation of redundant binary numbers" IEEE TENCON' 02. 2002 IEEE REGION 10 CONFERENCE ON COMPUTERS, COMMUNICATIONS, CONTROL AND POWER ENGINEERING PROCEEDINGS. BEIJING, CHINA, OCT. 28 - 31, 2002, IEEE REGION 10 ANNUAL CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3, 28 October 2002 (2002-10-28), pages 412-415, XP010628511 ISBN: 0-7803-7490-8 figure 1	10,27
A	US 5 126 963 A (FUKASAWA HISAKO) 30 June 1992 (1992-06-30) column 6, line 1 - column 7, line 8; figure 3	10,27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/002011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5463690	A	31-10-1995	US 5271061 A	14-12-1993
			US 5159632 A	27-10-1992
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			US 5581616 A	03-12-1996
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